

BLYTHE ENERGY PROJECT

RIVERSIDE AVENUE/ FIRE ACCESS ROAD

IMPROVEMENT PLANS

ABBREVIATIONS

AGG.	AGGREGATE
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
B.C.	BEGINNING OF CURVE RADIUS
BLDG.	BUILDING
C.H.	CHORD
C.B.	CATCH BASIN
C.M.C.	CEMENT MORTAR COATED
C.M.L.	CEMENT MORTAR LINED
CL	CENTERLINE
DIA.	DIAMETER
D/W	DRIVEWAY
Δ	DELTA
E.P.	EDGE OF PAVEMENT
EL.	ELEVATION
E.C.	END OF CURVE RADIUS
F.F.	FINISH FLOOR ELEVATION
FL	FLOWLINE
F.S.	FINISH SURFACE
L.	LENGTH
LIP.	LIP OF CURB IN DRIVEWAYS
M.H.	MANHOLE
MAX.	MAXIMUM
MIN.	MINIMUM
MISC.	MISCELLANEOUS
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
OHE	OVERHEAD ELECTRICAL LINE
P.E.	PAD ELEVATION
%	PERCENT
P.I.G.	POINT OF INTERSECTING GRADES
P.I.T.	POINT OF INTERSECTING TANGENTS
P.V.C.	POLY VINYL CHLORIDE
P.C.C.	PORTLAND CONCRETE CEMENT
P.P.	POWER POLE
R.	RADIUS
R.C.P.	REINFORCED CONCRETE
R/W	RIGHT-OF-WAY
S/W	SIDEWALK
S.	SLOPE
T.	TANGENT
T.C.	TOP OF CURB OR TOP OF CONCRETE
TMH	TOP OF MANHOLE
T.P.	TOP OF PAVEMENT

GENERAL NOTES

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF BLYTHE. ALL STANDARD DETAILS AND SPECIFICATIONS ARE AVAILABLE AT THE PUBLIC WORKS OFFICE, 440 SOUTH MAIN STREET, BLYTHE, CALIFORNIA. ALSO, ALL WORK SHALL CONFORM WITH THE "CALTRANS STANDARD SPECIFICATIONS" (LATEST EDITION).

2. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 1-800-227-2600 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION.

3. THE CONTRACTOR SHALL PROVIDE A "TRAFFIC CONTROL AND WORKER PROTECTION PLAN", PREPARED IN ACCORDANCE WITH CALTRANS DIVISION OF MAINTENANCE - CHAPTER 8 (PROTECTION OF WORKERS), WHEN WORKING IN A DEDICATED RIGHT-OF-WAY (R/W). THE "PLAN" SHALL BE SUBMITTED TO AND BE APPROVED BY THE CITY OF BLYTHE-DEPARTMENT OF PUBLIC WORKS SEVEN (7) DAYS PRIOR TO ANY WORK IN THE R/W. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR WORKER AND PUBLIC SAFETY. ALL TRAFFIC CONTROL AND SAFETY DEVICES MUST BE ONSITE, INSPECTED AND APPROVED PRIOR TO THE COMMENCEMENT OF ANY WORK. THE CONTRACTOR SHALL KEEP ALL CONTROL AND SAFETY DEVICES IN PROPER POSITION AND WORKING ORDER AT ALL TIMES. IF AT ANY TIME THE CITY REPRESENTATIVE DETERMINES THAT THE "TRAFFIC CONTROL AND WORKER PROTECTION PLAN" AND THE CONTROL MEASURES AND SAFETY DEVICES DO NOT ADEQUATELY PROTECT THE WORKERS AND INSURE THE PUBLIC SAFETY, ALL WORK SHALL IMMEDIATELY CEASE AND SHALL NOT RESUME UNTIL THE DEFICIENCIES HAVE BEEN CORRECTED.

4. THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.

5. THE CONTRACTOR SHALL COMPLETE ALL WORK IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECT GEOTECHNICAL CONSULTANT.

6. THE SITE SHALL BE WET DOWN AS NECESSARY DURING CONSTRUCTION TO ELIMINATE DUST GENERATION.

7. ANY DIRT, DUST, OR MUD, EITHER TRACKED OFF SITE BY EQUIPMENT OR BLOWN INTO ADJACENT CITY STREETS WILL BE CLEANED UP DAILY BY THE RESPONSIBLE CONTRACTOR.

8. THE LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

9. ALL GRADING SHALL COMPLY WITH CHAPTER 70 OF THE UNIFORM BUILDING CODE, LATEST EDITION. (EXCEPT THAT MINIMUM GRADE FOR SWALES = 0.50 %.)

10. THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS WITHIN THE CITY OF BLYTHE WITH A MINIMUM OF 24 HOURS ADVANCE NOTICE. WHEN THE CONTRACTOR IS NOT PRESENT AT THE INSPECTION APPOINTMENT SITE AND/OR THE WORK IS NOT READY FOR INSPECTION WITHIN FIFTEEN (15) MINUTES OF THE APPOINTED TIME, A REINSPECTION APPOINTMENT SHALL BE SCHEDULED. THE CONTRACTOR/DEVELOPER MAY BE ASSESSED AN AMOUNT EQUAL TO THE INSPECTOR'S COST TO THE CITY FOR ONE PAYROLL HOUR FOR EACH REINSPECTION.

11. ALL SITE GRADING SHALL BE FINISHED TO THE ELEVATIONS, LINES AND GRADES SHOWN ON THE PLANS. ALL FINISHED GRADES SHALL BE WITHIN 0.05 FOOT OF PLAN GRADE.

12. A MINIMUM OF SIX COMPACTION TESTS PER BLOCK OF STREET SHALL BE PROVIDED AT THE CITY'S EXPENSE AT THE DISCRETION OF THE CITY FOR EACH OF THE FOLLOWING: EACH OF THE UTILITY TRENCHES INSTALLED, SUBGRADE, SUBBASE, BASE AND FINISHED A.C.

13. DURING GRADING OPERATIONS THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING EQUIPMENT THAT WILL NOT CAUSE "PUMPING" OF THE SOIL DUE TO THE DEPTH OF GROUNDWATER PRIOR TO CONSTRUCTION.

14. THE CONTRACTOR SHALL BE LICENSED BY THE STATE OF CALIFORNIA, HAVE A CITY BUSINESS LICENSE AND SHALL FILE A CERTIFICATE OF WORKMENS' COMPENSATION WITH THE CITY OF BLYTHE PRIOR TO THE START OF CONSTRUCTION.

15. A LIST OF ALL SUBCONTRACTORS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO THE CITY DEPARTMENT OF PUBLIC WORKS.

16. ANY STREET CLOSURES TO BE DONE DURING THE COURSE OF CONSTRUCTION WILL BE DONE SOLELY BY THE RESPONSIBLE CONTRACTOR, IN COORDINATION WITH AND WITH THE APPROVAL OF THE BLYTHE PUBLIC WORKS DEPARTMENT. A MINIMUM NOTICE OF 48 HOURS SHALL BE PROVIDED TO THE PUBLIC AND AFFECTED AGENCIES. (SCHOOL, POLICE, FIRE, PVID, ETC.)

17. NO OPEN TRENCHES WILL BE PERMITTED OVERNIGHT WITHOUT THE DIRECTOR OF PUBLIC WORKS OR HIS AGENTS APPROVAL.

18. PLANNED WATER OUTAGES SHALL BE COORDINATED WITH THE BLYTHE PUBLIC WORKS DEPARTMENT ONE-WEEK PRIOR TO SHUT DOWN.

19. THE CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF PLANS AT THE JOB SITE. THESE PLANS MUST BE KEPT IN GOOD CONDITION, REFLECT ALL CHANGES OF THE PROJECT FROM THE APPROVED PLANS IN RED INK AND BE UPDATED DAILY. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR SHALL FURNISH THE CITY WITH ONE COMPLETE SET OF THE "AS-BUILT" PLANS. FINAL APPROVAL OF THE PROJECT SHALL NOT BE GRANTED UNTIL THE PROVISIONS OF THIS REQUIREMENT HAVE BEEN MET.

20. A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED WITH THE PUBLIC WORKS DIRECTOR AND HIS ASSOCIATES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

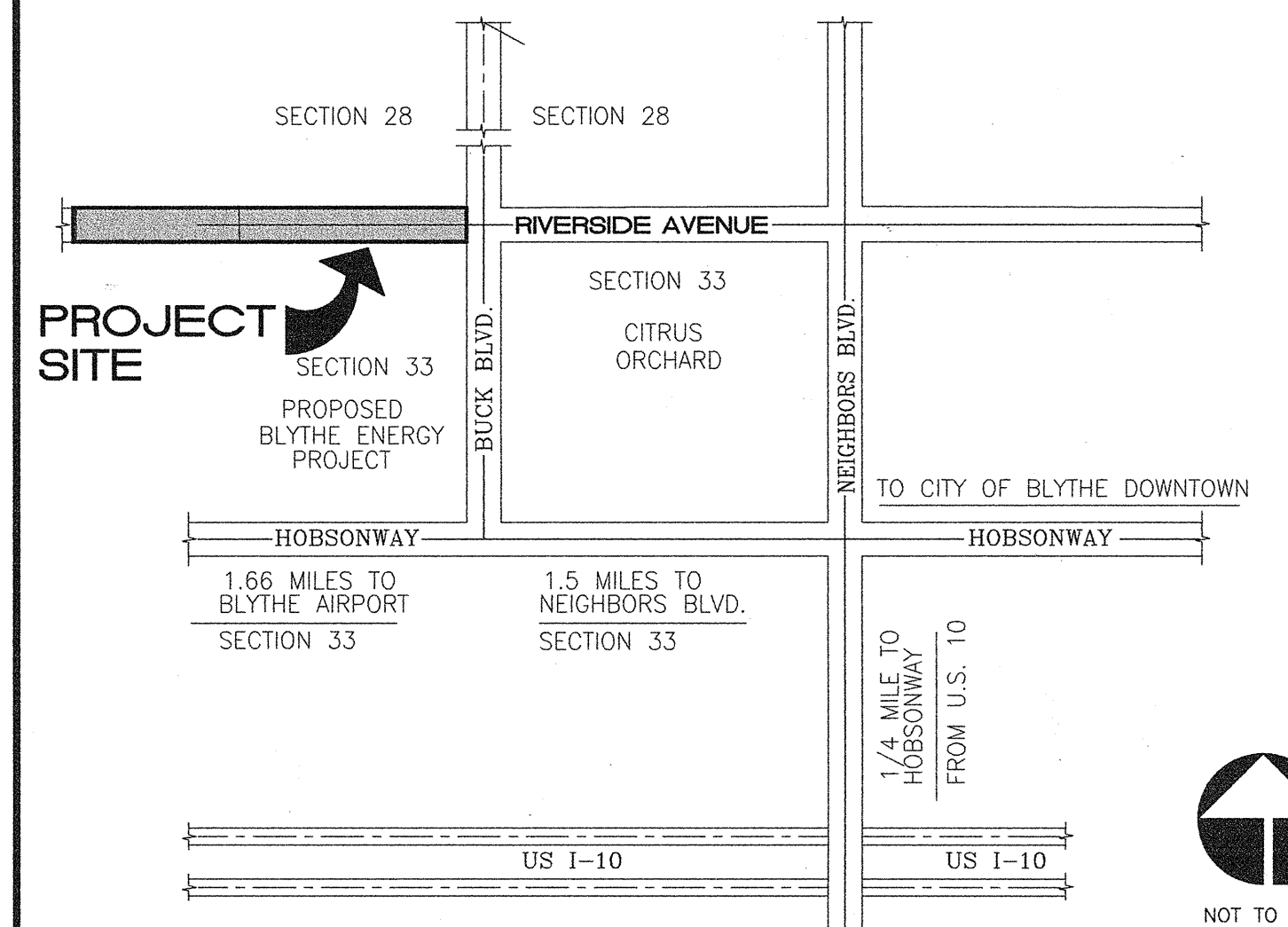
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22. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY OF BLYTHE HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

23. UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL PROVIDE FOR AND MAINTAIN ALL PROVISIONS OF THE CURRENT "WORK AREA TRAFFIC CONTROL HANDBOOK" (W.A.T.C.H.) AND THE CURRENT STATE OF CALIFORNIA DEPT. OF TRANSPORTATION "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES." IF THERE ARE CONFLICTS, THE CALTRANS STANDARD SHALL PREVAIL.

VICINITY MAP

SECTIONS 28 AND 33 ARE WITHIN TOWNSHIP 6 SOUTH, RANGE 22 EAST, SAN BERNARDINO MERIDIAN.



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- 4 FIRE ACCESS ROAD PLAN AND PROFILE SHEET - STATION 26+00W TO STATION 34+12.18W
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- 7 TECHNICAL NOTES

The Holt Group
ENGINEERING • PLANNING • SURVEYING

321 W. Hobsonway, Suite A Blythe, California 92225
1561 S. 4th Street El Centro, California 92243

(760) 922-4658
(760) 337-3883

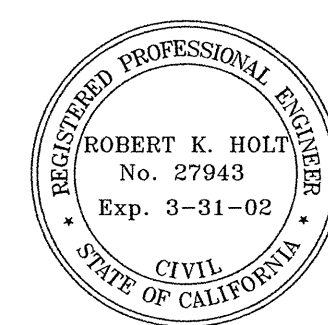
NO.	REVISIONS:	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

DESIGN BY:
JVP
DRAWN BY:
JVP
CHECKED BY:
RKH

BENCH MARK:

COTTON SPINDLE ON WEST SIDE OF
POWER POLE #F-6103 IN THE
PLANT SITE PARKING LOT AREA.
ELEV. 335.00



PREPARED UNDER THE DIRECT SUPERVISION OF:

ROBERT K. HOLT, P.E.

9/6/01
DATE

27943

R.C.E. NO.

03/31/02
REG. EXP.

PROJECT TITLE:

BLYTHE ENERGY PROJECT
RIVERSIDE AVENUE / FIRE ACCESS ROAD
IMPROVEMENT PLANS

SHEET CONTENT:

TITLE SHEET

SHEET

1

OF 7 SHEETS

JOB NO.
632.001